CLEAN COPY OF AMENDED AND ADDED CLAIMS

1.\   (Once Amended)   A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

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encrypted electronic data;

a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which said user computer cannot rewrite; and

permission information which includes a decryption key encrypted in a manner that is not dependent on a specific device identifier for a specific device.

6.   (Once Amended)   A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

encrypted electronic data;

a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which said user computer cannot rewrite; and

permission information encrypted in a manner that is not dependent on a specific device identifier for a specific device.

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11. (Once Amended)   A storage medium accessed by a vendor computer and a

user computer said storage medium for storing information readable by said user

computer said storage medium comprising:

encrypted electronic data;

a medium personal number which is unique for each storage medium; and

encrypted permission information that is not dependent on a specific device

identifier for a specific device;

wherein at least the medium personal number is written onto the storage medium

in an unrewritable form which a user computer cannot rewrite.

17. (Once Amended)   A storage medium for storing data for access and processing

by a storage reading apparatus, said storage medium comprising:

a medium personal number which is unique for each storage medium, wherein

the medium personal number is written onto the storage medium in an un-rewritable

form which a user storage reading apparatus cannot rewrite;

electronic information; and

information which is encrypted based on said medium personal number and not

on a specific device identifier for a specific device.

18.   (Once Amended)   A storage medium for storing data for access and processing

by a user storage reading apparatus, said storage medium comprising:

encrypted electronic information;

a medium personal number which is unique for each storage medium;

wherein at least the medium personal number is written onto the storage medium

in an un-rewritable form which the user storage reading apparatus cannot rewrite, and

said medium personal number is used for decrypting said encrypted electronic

information; and

information which is encrypted based on said medium personal number and not

on a specific device identifier for a specific device.

19. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and independent from a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium, and accessible from a plurality of second devices which

decrypt the encrypted decryption key stored on the storage medium based upon the

medium personal number and independent from a specific device identifier for a specific

second device and which decrypt encrypted electronic information stored on the storage

medium based upon the decryption key that has been decrypted based on the medium

personal number and independent from a specific device identifier for a specific second

device:

a first storage area for storing encrypted electronic information, the encrypted

electronic information includes electronic information encrypted based upon a

decryption key;

a second storage area for storing a medium personal number, which is un-

rewritable from at least the second devices, wherein the medium personal number is

unique to the storage medium; and

a third storage area for storing an encrypted decryption key, which decryption

key is based upon the medium personal number and the encrypted decryption key is

independent from a specific device identifier for a specific device.

20. (New)   The storage medium of claim 19, wherein the electronic information is

software used for a computer.

21. (New)   The storage medium of claim 19. (New), wherein the electronic

information is electronically published information.

22. (New)   The storage medium of claim 19. (New), wherein the storage medium is a

read-only optical disk.

23. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and independent from a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage

medium, and accessible from a plurality of second devices which decrypt the encrypted

decryption key stored on the storage medium based upon the medium personal number

and independent from a specific device identifier for a specific second device and which

decrypt encrypted electronic information stored on the storage medium based upon the

decryption key that has been decrypted based on the medium personal number and

independent from a specific device identifier for a specific second device, comprising:

a first storage area for storing encrypted electronic information, the encrypted

electronic information includes electronic information encrypted based upon a

decryption key;

a second storage area for storing a medium personal number, which is un-

rewritable from at least the second devices, wherein the medium personal number is

unique to the storage medium; and

a third storage area for storing an encrypted decryption key, which decryption

key is based upon the medium personal number and the encrypted decryption key is

independent from a specific device identifier for a specific device.

24. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and independent from a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium, comprising:

a first storage area for storing encrypted electronic information, the encrypted

electronic information includes electronic information encrypted based upon a

decryption key;

a second storage area for storing a medium personal number, which is un-

rewritable, wherein the medium personal number is unique to the storage medium; and

a third storage area for storing an encrypted decryption key, which decryption

key is based upon the medium personal number and the encrypted decryption key is

independent from a specific device identifier for a specific device.

25. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and independent from a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage

medium, comprising:

a first storage area for storing encrypted electronic information, the encrypted

electronic information includes electronic information encrypted based upon a

decryption key;

a second storage area for storing a medium personal number, which is un-

rewritable, wherein the medium personal number is unique to the storage medium; and

a third storage area for storing an encrypted decryption key, which decryption

key is based upon the medium personal number and the encrypted decryption key is

independent from a specific device identifier for a specific device.

26. (New)   A storage medium accessible from a plurality of devices which decrypt an

encrypted decryption key stored on the storage medium, the encrypted decryption key

being based upon the medium personal number and independent from a specific device

identifier for a specific device, and which decrypt encrypted electronic information stored

on the storage medium based upon the decryption key that has been decrypted based

on the medium personal number and independent from a specific device identifier for a

specific device in a particular device, comprising:

a first storage area for storing encrypted electronic information, the encrypted

electronic information includes electronic information encrypted based upon a

decryption key;

a second storage area for storing a medium personal number, which is un-

rewritable, wherein the medium personal number is unique to the storage medium; and

a third storage area for storing an encrypted decryption key, which decryption

key is based upon the medium personal number and the encrypted decryption key is

independent from a specific device identifier for a specific device.

27. (New)   A storage medium accessible from different devices at different times, comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a second storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

a third storage area for storing encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

28. (New)   A storage medium, comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a second storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a third storage area for storing encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

29. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and independent from a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium, and accessible from a plurality of second devices which

decrypt the encrypted decryption key stored on the storage medium based upon the

medium personal number and independent from a specific device identifier for a specific

second device and which decrypt encrypted electronic information stored on the storage

medium based upon the decryption key that has been decrypted based on the medium

personal number and independent from a specific device identifier for a specific second

device, comprising:

a storage area for storing a medium personal number, which is un-rewritable

from at least the second devices, wherein the medium personal number is unique to the

storage medium; and

a storage area for storing an encrypted decryption key, which decryption key is

based upon the medium personal number and the encrypted decryption key is

independent from a specific device identifier for a specific device.

30. (New)   The storage medium of claim 29, wherein the electronic information is

software used for a computer.

31. (New)   The storage medium of claim 29. (New), wherein the electronic

information is electronically published information.

32. (New)   The storage medium of claim 29. (New), wherein the storage medium is a read-only optical disk.

33. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific second, comprising:

a storage area for storing a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific second device.

34. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

35. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

36. (New)   A storage medium accessible from a plurality of devices which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and independent from a specific device identifier for a specific device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular device, comprising:

a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

37. (New)   A storage medium accessible from different devices at different times, comprising:

a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

38. (New)   A storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

39. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific second device, comprising:

a storage area for storing a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

40. (New)   The storage medium of claim 39. (New), wherein the electronic

information is software used for a computer.

41. (New)   The storage medium of claim 39. (New), wherein the electronic

information is electronically published information.

42. (New)   The storage medium of claim 39. (New), wherein the storage medium is a

read-only optical disk.

43. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and independent from a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage

medium, and accessible from a plurality of second devices which decrypt the encrypted

decryption key stored on the storage medium based upon the medium personal number

and independent from a specific device identifier for a specific second device and which

decrypt encrypted electronic information stored on the storage medium based upon the

decryption key that has been decrypted based on the medium personal number and

independent from a specific device identifier for a specific device in a particular second

device, comprising:

a storage area for storing a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific second device.

44. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

45. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

46. (New)   A storage medium accessible from a plurality of devices which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and independent from a specific device identifier for a specific device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular device, comprising:

a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

47. (New)   A storage medium accessible from different devices at different times, comprising:

a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

48. (New)   A storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

49. (New)   A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and independent from a specific device identifier for a specific device and the encrypted decryption key is stored onto the storage medium, and accessed in a manner such that the encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and independent from a specific device identifier for a specific device and that encrypted electronic information stored on the storage medium is decrypted based upon

the decryption key that has been decrypted based on the medium personal number and

independent from a specific device identifier for a specific device, comprising:

a storage area for storing a medium personal number, which is un-rewritable,

wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information

encrypted based upon the medium personal number and independent from a specific

device identifier for a specific device.

50. (New)   The storage medium of claim 49. (New), wherein the electronic

information is software used for a computer.

51. (New)   The storage medium of claim 49. (New), wherein the electronic

information is electronically published information.

52. (New)   The storage medium of claim 49. (New), wherein the storage medium is a

read-only optical disk.

53. (New)   A storage medium accessed in a manner such that a decryption key is

decrypted based upon a medium personal number and independent from a specific

device identifier for a specific device and the encrypted decryption key is stored onto the

storage medium and that electronic information is encrypted based upon the decryption

key and the encrypted electronic information is stored onto the storage medium, and

accessed in a manner such that the encrypted decryption key stored on the storage

medium is decrypted based upon the medium personal number and independent from a specific device identifier for a specific device and that encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular second device in different time, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

54. (New)   A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and independent from a specific device identifier for a specific device and that the encrypted decryption key is stored onto the storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

55. (New)   A storage medium accessed in a manner such that a decryption key is

encrypted based upon a medium personal number and independent from a specific

device identifier for a specific device and the encrypted decryption key is stored onto the

storage medium and that electronic information is encrypted based upon the decryption

key and the encrypted electronic information is stored onto the storage medium,

comprising:

    a storage area for storing a medium personal number, which is un-rewritable,

wherein the medium personal number is unique to the storage medium; and

    a storage area for storing encrypted information which includes information

encrypted based upon the medium personal number and independent from a specific

device identifier for a specific device.

56. (New)   A storage medium accessed in a manner such that an encrypted

decryption key stored on the storage medium is decrypted based upon the medium

personal number and independent from a specific device identifier for a specific device

and encrypted electronic information stored on the storage medium is decrypted based

upon the decryption key that has been decrypted based on the medium personal

number and independent from a specific device identifier for a specific device,

comprising:

    a storage area for storing a medium personal number, which is un-rewritable,

wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

57. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

58. (New)   The storage medium of claim 57. (New), wherein the electronic information is software used for a computer.

59. (New)   The storage medium of claim 57. (New), wherein the electronic information is electronically published information.

60. (New)   The storage medium of claim 57. (New), wherein the storage medium is a read-only optical disk.

61. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable from at least the second

devices, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

62. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium, comprising:

encrypted electronic information, the encrypted electronic information includes

electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

63. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage

medium, comprising:

   encrypted electronic information, the encrypted electronic information includes

electronic information encrypted based upon a decryption key;

   a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

   an encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

64. (New)   A storage medium accessible from a plurality of devices which decrypt an

encrypted decryption key stored on the storage medium, the encrypted decryption key

being based upon the medium personal number and not dependent on a specific device

identifier for a specific device and which decrypt encrypted electronic information stored

on the storage medium based upon the decryption key that has been decrypted based

on the medium personal number and not dependent on a specific device identifier for a

specific device in a particular device, comprising:

   encrypted electronic information, the encrypted electronic information includes

electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

65. (New)   A storage medium accessible from different devices at different times,

comprising:

encrypted electronic information, the encrypted electronic information includes

electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

66. (New)   A storage medium for access by a device, comprising:

encrypted electronic information, the encrypted electronic information includes

electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device, and wherein the encrypted decryption key is accessed and processed by the device to decrypt the encrypted decryption key.

67. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

68. (New)   The storage medium of claim 67. (New), wherein the electronic information is software used for a computer.

69. (New)   The storage medium of claim 67. (New), wherein the electronic information is electronically published information.

70. (New)   The storage medium of claim 67. (New), wherein the storage medium is a read-only optical disk.

71. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key had been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

72. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium, comprising:

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

73. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage

medium, comprising:

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

an encrypted decryption key, which the decryption key is based upon the

medium personal number and the encrypted decryption key is not dependent on a

specific device identifier for a specific device.

74. (New)   A storage medium accessible from a plurality of devices which decrypt an

encrypted decryption key stored on the storage medium, the encrypted decryption key

being based upon the medium personal number and not dependent on a specific device

identifier for a specific device and which decrypt encrypted electronic information stored

on the storage medium based upon the decryption key that has been decrypted based

on the medium personal number and not dependent on a specific device identifier for a

specific device in a particular device, comprising:

a medium personal number, which is un-rewritable from the devices, wherein the

medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

75. (New)   A storage medium accessible from different devices at different times,

comprising:

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium

personal number and the encrypted decryption key is not dependent on a specific

device identifier for a specific device.

76. (New)   A storage medium for access by a device, comprising:

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device, and wherein the encrypted decryption key is accessed and processed by the device to decrypt the encrypted decryption key.

77. (New)   A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

78. (New)   The storage medium of claim 77. (New), wherein the electronic

information is software used for a computer.

79. (New)   The storage medium of claim 77. (New), wherein the electronic

information is electronically published information.

80. (New)   The storage medium of claim 77. (New), wherein the storage medium is a

read-only optical disk.

81. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage

medium, and accessible from a plurality of second devices which decrypt the encrypted

decryption key stored on the storage medium based upon the medium personal number

and not dependent on a specific device identifier for a specific second device and which

decrypt encrypted electronic information stored on the storage medium based upon the

decryption key that has been decrypted based on the medium personal number and not

dependent on a specific device identifier for a specific device in a particular second

device in different time, comprising:

a medium personal number, which is un-rewritable from at least the second

devices, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

second device.

82. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium, comprising:

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device.

83. (New)   A storage medium accessible from a first device which encrypts a

decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage

medium, comprising:

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device.

84. (New)   A storage medium accessible from a plurality of devices which decrypt

encrypted decryption key stored on the storage medium, the encrypted decryption key

being based upon the medium personal number and not dependent on a specific device

identifier for a specific device and which decrypt encrypted electronic information stored

on the storage medium based upon the decryption key that has been decrypted based

on the medium personal number and not dependent on a specific device identifier for a

specific second device, comprising:

a medium personal number, which is un-rewritable from the devices, wherein the

medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device.

85. (New)   A storage medium accessible from different devices at different times,

comprising:

a medium personal number, which is un-rewritable from the devices, wherein the

medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device.

86. (New)   A storage medium for access by a device, comprising:

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device, and wherein the encrypted information is accessed and processed by the device

to decrypt the encrypted information.

87. (New)   A storage medium accessed in a manner such that a decryption key is

encrypted based upon a medium personal number and not dependent on a specific

device identifier for a specific device and the encrypted decryption key is stored onto the

storage medium, and accessed in a manner such that the encrypted decryption key

stored on the storage medium is decrypted based upon the medium personal number

and not dependent on a specific device identifier for a specific device and that

encrypted electronic information stored on the storage medium is decrypted based upon

the decryption key that has been decrypted based on the medium personal number and

not dependent on a specific device identifier for a specific device, comprising:

a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device.

88. (New)   The storage medium of claim 87. (New), wherein the electronic

information is software used for a computer.

89. (New)   The storage medium of claim 87. (New), wherein the electronic

information is electronically published information.

90. (New)   The storage medium of claim 87. (New), wherein the storage medium is a

read-only optical disk.

91. (New)   A storage medium accessed in a manner such that a decryption key is

decrypted based upon a medium personal number and not dependent on a specific

device identifier for a specific device and the encrypted decryption key is stored onto the

storage medium and that electronic information is encrypted based upon the decryption

key and the encrypted electronic information is stored onto the storage medium, and

accessed in a manner such that the encrypted decryption key stored on the storage

medium is decrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device and that encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific device in a particular second device in different time, comprising:

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

92. (New)   A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and not dependent on a specific device identifier for a specific device and that the encrypted decryption key is stored onto the storage medium, comprising:

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

93. (New)   A storage medium accessed in a manner such that a decryption key is

encrypted based upon a medium personal number and not dependent on a specific

device identifier for a specific device and the encrypted decryption key is stored onto the

storage medium and that electronic information is encrypted based upon the decryption

key and the encrypted electronic information is stored onto the storage medium,

comprising:

   a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

   encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device.

94. (New)   A storage medium accessed in a manner such that an encrypted

decryption key stored on the storage medium is decrypted based upon the medium

personal number and not dependent on a specific device identifier for a specific device

and encrypted electronic information stored on the storage medium is decrypted based

upon the decryption key that has been decrypted based on the medium personal

number and not dependent on a specific device identifier for a specific second device,

comprising:

   a medium personal number, which is un-rewritable, wherein the medium

personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the

medium personal number and not dependent on a specific device identifier for a specific

device.

95. (New)   A method for a device to access encrypted data on a storage medium,

including:

obtaining first data based on a medium personal number and not based on a

specific device identifier for a specific device, wherein the medium personal number is

un-rewritable and unique to the storage medium;

decrypting the data based on the first data; and

accessing the decrypted data.

96. (New)   A method according to claim 95. (New), wherein the obtaining first data

includes encrypting data based on the medium personal number, and wherein the

decrypting includes decrypting the encrypted data based on the medium personal

number.

97. (New)   A method according to claim 95. (New), wherein the obtaining the first

data comprises accessing the medium personal number on the storage medium.

98. (New)   A method according to claim 95. (New), wherein the first data comprises

the medium personal number.

99. (New)   A method for a device to provide encrypted data to a storage medium, including:

obtaining first data based on a medium personal number and not based on a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium;

encrypting the data based on the first data; and

providing the encrypted data to the storage medium.

100. (New)   A method according to claim 99. (New), wherein the obtaining first data includes encrypting a key based on the medium personal number, and wherein the encrypting includes encrypting the data based on the key.

101. (New)   A method according to claim 99. (New), wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

102. (New)   A method according to claim 99. (New), wherein the first data comprises the medium personal number.

103. (New)   A method for a device to access encrypted data on a storage medium, including:

obtaining first data based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium;

decrypting the data based on the first data; and

accessing the decrypted data.

104. (New)   A method according to claim 103. (New), wherein the obtaining first data includes encrypting data based on the medium personal number, and wherein the decrypting includes decrypting the encrypted data based on the medium personal number.

105. (New)   A method according to claim 103. (New), wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

106. (New)   A method according to claim 103. (New), wherein the first data comprises the medium personal number.

107. (New)   A method for a device to provide encrypted data to a storage medium, including:

obtaining first data based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium;

encrypting the data based on the first data; and

providing the encrypted data to the storage medium.

108. (New)   A method according to claim 107. (New), wherein the obtaining first data includes encrypting a key based on the medium personal number, and wherein the encrypting includes encrypting the data based on the key.

109. (New)   A method according to claim 107. (New), wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

110. (New)   A method according to claim 107. (New), wherein the first data comprises the medium personal number.

111. (New) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

an area storing encrypted electronic data;

an area storing a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user computer cannot change; and

an area storing permission information which includes a decryption key encrypted in a manner that is not dependent on a specific device identifier for a specific device.

112. (New) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

an area storing encrypted electronic data;

an area storing a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user computer cannot rewrite; and

an area storing permission information encrypted in a manner that is not dependent on a specific device identifier for a specific device.

113. (New) A storage medium accessed by a vendor computer and a user computer said storage medium for storing information readable by said user computer said storage medium comprising:

an area storing encrypted electronic data;

an area storing a medium personal number which is unique for each storage medium; and

an area storing encrypted permission information that is not dependent on a specific device identifier for a specific device;

wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which a user computer cannot rewrite.

114. (New) A storage medium readable by a device, comprising:

encrypted data; and

first data that is based on a medium personal number and not based on a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

115. (New) A storage medium according to claim 114. (New), wherein the first data includes a key encrypted based on the medium personal number.

116. (New) A storage medium according to claim 114. (New), wherein the encrypted data is encrypted based on the key.

117. (New) A storage medium according to claim 114. (New), wherein the first data comprises the medium personal number.

118. (New) A storage medium readable by different devices at different times, comprising:

    encrypted data; and

    first data that is based on a medium personal number and not based on a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

119. (New) A storage medium readable by a device, comprising:

    encrypted data; and

    first data that is based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

120. (New) A storage medium according to claim 119. (New), wherein the first data includes a key encrypted based on the medium personal number.

121. (New)   A storage medium according to claim 119. (New), wherein the encrypted data is encrypted based on the key.

122. (New)   A storage medium according to claim 119. (New), wherein the first data comprises the medium personal number.

123. (New)   A storage medium readable by different devices at different times, comprising:

encrypted data; and

first data that is based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

124. (New)   A storage medium for storing data for access and processing by a storage reading apparatus, said storage medium comprising:

a medium personal number storage area including a medium personal number which is unique for each storage medium, wherein the medium personal number is written onto the storage medium in an un-rewritable form which a user storage reading apparatus cannot rewrite;

an electronic information storage area including electronic information; and

an information storage area including information which is encrypted based on said medium personal number and not on a specific device identifier for a specific device.

125. (New)   A storage medium for storing data for access and processing by a user

storage reading apparatus, said storage medium comprising:

an encrypted electronic information storage area including encrypted electronic

information;

a medium personal number storage area including a medium personal number

which is unique for each storage medium;

wherein at least the medium personal number is written onto the storage medium in

an un-rewritable form which the user storage reading apparatus cannot rewrite, and

said medium personal number is used for decrypting said encrypted electronic

information; and

an information storage area including information which is encrypted based on

said medium personal number and not on a specific device identifier for a specific

device.